

PRINTER RUSH
(PTO ASSISTANCE)

Application : 10/706,477 Examiner : J. Bastianelli GAU : 3751

From : S. Winslow Location : IDC FMF FDC Date : 2-13-06

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[RUSH] MESSAGE: Page 15, paragraph 0034, Fig. 3 is
described instead of Fig. 3a.

Please advise
Thanks

[XRUSH] RESPONSE: Typo corrected.

INITIALS: DG

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REV 10/04

portion of the gate being receivable in the opening. Further, the second wafer includes a port formed therein, the port providing fluid communication between the flow channel and the cavity. The first and second ends of the valve body are opposite on another and the fixed end and the free end of the deflectable member are opposite one another.

BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF DRAWINGS

[0031] With this description of the invention, a detailed description follows with reference being made to the accompanying figures of drawings which form part of the specification, in which like parts are designated by the same reference numbers, and of which:

[0032] Fig. 1 is a schematic diagram showing the classifications of different microvalves ;

[0033] Fig. 2 is diagram of different activation mechanisms for microvalves;

^a
[0034] Fig. 3 is a cross-sectional expanded side plan view illustrating a microvalve of this invention;

[0035] Fig 3b is a cross-sectional side plan view of the microvalve illustrating the microvalve as assembled;

[0036] Fig. 3c is an enlarged cross-sectional side plan view of the microvalve in the open position;

[0037] Fig. 3d is an enlarged cross-sectional side plan view of the microvalve in the closed position ition

[0038] Fig . 3e shows a schematic of the microvalve in the open and closed position;